

## Commercial Vehicle Screening List Help Manual

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## Screening List Display

Parameters can be changed by clicking **[Modify]**. Details provided by clicking [blue links](#).

**Menus**
**Over Height**
**Sorting Mode**
**Random Pullin %**
**Threshold**
**[Modify]**

**Station Open** **Station Closed** — Non-Transpondered Control — 518821 - 518821 — Transpondered Control

Lane: WEST Screening: Over Height On Sorting: Bypass Random Pullin % 20 Threshold % 98 Sorting: Bypass Random Pullin % 5 Threshold % 100 Modify...

Vehicle ID	Time	Lane	Speed	Weight	Violation
51882-1	09:20:31	MAINLINE 1	48 mph	53.3 ft	WIM Axle Sensor Diff+1
51886-1	09:20:30	MAINLINE 1	65 mph	80.6 ft	Tag Not Reg
62657-2	09:20:15	NO MATCH STATION	65 mph	72.2 ft	No Match Station
51851-1	09:18:51	MAINLINE 1	58 mph	74.8 ft	Bridge Violation+1
51846-1	09:18:47	MAINLINE 1	60 mph	74.1 ft	Over Legal Weight+2
51833-1	09:17:52	MAINLINE 1	60 mph	27.7 ft	

**VMS Message: Display Scale 1 Lbs** — Static Scales on Lane WEST - English

- (1) Ahead
- (2) Stop
- (3) Back up
- (4) Proceed slowly 3 mph
- (5) Move to next axes
- (6) Park Bring All Paper
- (7) Release Brakes
- (8)
- (9)

**Scale 1 Axle(s) weight**

**Static Scale Vehicle Count**

Lane	Count	Last Time Reset
WEST	0	01/26/2003 21:57
EAST	234	01/26/2003 21:58
Total	234	

For Help, press F1 Connected to: CVISNA0599001 Input Active NUM

**Vehicle Information** is contained in the middle section of the display if available.

**VMS Messages**      **Static Scale Display**      **Axle Detail**      **Bridge Calculation**

**[Static Scale Vehicle Count]** in the lower right hand corner gives a shift vehicle counter.

Static Scale Vehicle Counts

Lane	Count	Last Time Reset	Reset
WEST	0	01/26/2003 21:57	Reset
EAST	234	01/26/2003 21:58	Reset
Total	234		

OK

**Note:** If communication is lost between the scale head or the variable message signs and CVISN a message appears in red above the Static Scales text or you may be unable to change the VMS from the keyboard. If this happens you may reset the Troy box (4x5 black box under counter) by unplugging the small front power cable for a few seconds and then restoring the power cable or contact CVISN support staff.

## Opening & Closing the Weigh Station

**This process is critical for station operation and must be followed to ensure that vehicles are receiving synchronized information from signage and transponders on the open/close station status.**

[Station Open] and [Station Close] buttons are provided to easily Open or Close the weigh station; **however**, each station has **manual sign configurations** which must also be in synch (same message for scale status) with the software.

Please check for the specific Open/Close Station directions for the weigh station you are working.

**Preliminary Steps to Open/Close the weigh station must be completed on both workstations.**

### Opening Station

- 1) Make sure **Commercial Vehicle Screening List** (CVSL) software is running on the workstations.
- 2) Flip the **Variable Message Sign** (VMS) console toggle switch to "AUTO" position on **both sides**.
- 3) Press the numeric "4" key on the workstation keyboard to activate the "Proceed Slowly Message" and/or the red/green lights where installed.

### Closing Station

- 1) **Commercial Vehicle Screening List** (CVSL) software should remain running on the workstations.



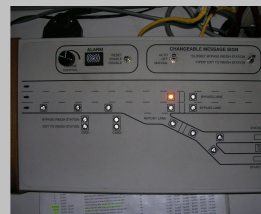
- 2) Flip **VMS** console toggle switch to "Manual" position on both sides and press the "Blank" key.

- 3) Verify that the outside VMS signs are working per station requirements for Closed conditions. Check [Modify] screen.

**Final steps to Open/Close the weigh station may be completed at one workstation.**

- 4) Click [Station Open] top left of CVSL screen.
- 5) From the **IRD Changeable Message Sign** console on the weight station counter, place the "Changeable Message Sign" section toggle switch to the "AUTO" position.
- 6) Place "Lane Arrow" toggle switches (under counter) to the "Open" position. Light should indicate arrow display on.
- 7) From the central counter flip the "OPEN/CLOSE" manual sign toggle switch to "On."
- 8) Verify that the correct camera is selected for daytime (color) or nighttime (black & white) operation from [Modify].

- 4) Click [Station Closed] top left of CVSL screen.



- 5) From the **IRD Changeable Message Sign** console place the "Changeable Message Sign" section toggle switch to "Off."

- 6) Place "Lane Arrow" East/West toggle switches (under counter) to "Off."
- 7) From the central counter flip the "OPEN/CLOSE" manual sign toggle switch to "Off."
- 8) Verify all outside doors are locked. Set camera for daytime (color) or nighttime (black & white) operation from [Modify].

Station traffic flow from this point should be controlled by using the Random Pullin %; may be set to 0 when completing inspection paperwork and the Non-Tranpondered Sorting mode may be set to Bypass. **Caution**, if you place the Transpondered Vehicle sorting mode to Bypass as well the [Station Closed] will activate.

Use the corresponding numeric keys from keyboard or numeric keypad displayed in the lower left of CVSL screen to select the message to display on the VMS. The [Space Bar] is a hot key for displaying the "Stop" message.

Use the [F-5] key to "Refresh" the display after a [Hold] and [Release] of a vehicle record or in the event vehicle tracking seems off or when encountering a white screen. If the display screen is mostly white, close and re-start the CVSL software.

## Weigh Station Operating Parameters

### Modify screen, [Modify]

The screenshot shows a remote control session for CVISN31635. The 'CV Screening List Parameters' dialog box is open, displaying various configuration options for the weighing station. The 'Non-Transpondered Control' section includes settings for Sorting Mode (Bypass), Over Height (Off), Random Pullin % (10), and Threshold % (80). The 'Transpondered Control' section includes SafeStat Threshold (100), ISS2 Threshold (100), Random Pullin % (5), and Threshold % (100). The 'Display' section includes Meas. Units (English), Lane Units (English), Scale Units (English), List Period (60 min), and Platform Display (Platform 1 & 2). The 'AVI Status' section includes checkboxes for Reader 1 through Reader 5. The 'Vehicle Class Range' section includes Start (4) and End (25). The 'VMS Messages' section includes a table for Message, Light, Time Out, Next Msg, and Warn. The 'VMS Scale' section includes a dropdown for Scale 1 and a checkbox for Automatically Show Weights on VMS when station is manually closed. The 'Show on Close' section includes checkboxes for Scale 1 and Scale 2. The 'OK' and 'Cancel' buttons are at the bottom right.

#### Non-Transpondered and Transponder Control

#### Sorting Decision Information

##### Sorting Modes

**OFF [ F-1 ]** No statistics saved.

**Sorting [ F-2 ]** Vehicles not meeting criteria are given instruction to report.

**Bypass [ F-3 ]** All vehicles signaled to Bypass.

**Report [ F-4 ]** All vehicles signaled to Report.

**[ F-7 ]** raises Random Pullin % by 10% or **[Shift] + [F-7]** lowers Random Pullin %

**Random Pullin %** - Selects the percent of commercial vehicles pulled into the scales, i.e. If set for 10% then ten out of every 100 vehicles qualifying to bypass will be pulled into the scales. Transponder Pullin 5% predetermined.

**Threshold %** - This parameter selects the percent of legal weight, as measured by the WIM, that a commercial vehicle will be pulled in for an "OVERWEIGHT" violation. (i.e. If the untagged threshold is set to 95% and the legal weight for the vehicle is 80,000 LBS. then the system will pull the vehicle in if the WIM calculates a weight of 76,000 LBS. or more.) Transpondered vehicles predetermined @ 100%.

**Safe Stat and ISS2 Threshold** - Trucks with scores below the one selected would be pulled in for possible inspection, predetermined.

**Over Height [Ctrl]+[O]** toggles between **enabled** or **disabled**.

## Variable Message Sign Control

You may change the message displayed by pressing the corresponding numeric key on the keyboard or selecting the message via mouse click.

The **[space bar]** or the 3 key displays **Stop**.

**NEW:** You may change the message on the opposite workstation by holding down the **[Shift]** key and hitting the appropriate number key. Yellow format box will display.

The lower left area of the CVSL main display allows the operator to input up to three **specialized messages** that can then be selected and displayed. You may also use two messages that default to each other for messages longer than the 20 character limit.

Access for specialized messages via the **[Modify]**. Example and steps below.

**Specialized VMS Messages** - An example of how this would work - suppose you are having a problem with the drivers not bringing in their log book when you put up the message "Park bring in papers." You could use 8, 9, or 10 to make a message that says "Bring in Log Book" then select a Time Out such as 6 seconds, select Next Msg as 6. Now when you select the message you just customized and it will put "Bring in Log Book" up on the variable message sign for 6 seconds and then default to "Park Bring in Papers" which will remain on until you change the sign.

**Message** - Type the message to display.

**Light** - Allows you to control the two lights on top of the some VMS sign installations where installed.

**Time Out** - This is the length of time in seconds the message will display. This would only be used if you wanted to default to another message after a designated time. Select "0" if you want message to remain until another selection is made.

**Next Msg** - This allows you to default to another message after the time out time has been reached. You select the number of the message to which you want to default.

**Warn** - When this box is checked, a warning message will be displayed on the main screen when the time out time is reached and the message changes.

Select period of time you want this message to display. If you want it to stay on until another message is selected choose "0"

**Display** - Units of measurement (Measuring, Lane, Scale) are predetermined.

**List Period** - Sets the length in minutes of how long a vehicle record remains in the display list. Recommended default is 60 minutes.

**Platform Display** - Selects the display order of the static scales on the CVSL display screen.

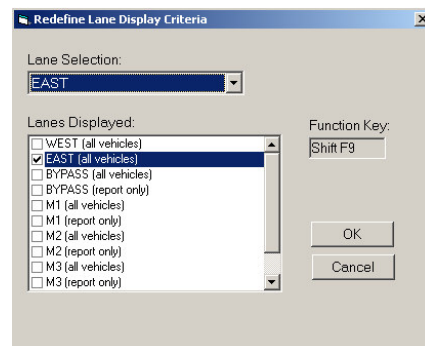
**Re-set Tracking** - This box is checked when vehicle matching/tracking is out of alignment. This action will clear all current vehicle summaries.

The **Lane Selection** designates the physical location of the workstation within the scale you are working.

## Lanes Displayed

Determines what displays on screen. If you have both EAST & WEST vehicles displaying on the workstation you will not physically see the static scale info from the alternate/other side only vehicle information. Click **[Modify]**, **[Modify]** to edit lanes.

Check or uncheck the boxes to determine which lanes to display on your main screen. When you have made your selection(s) on this screen, click **[OK]** or click **[Cancel]**.



The option to have the **Report only** vehicles display vs **All vehicles** offers the option to view only those vehicles who were given a report signal and chose to bypass the weigh station. Routinely, if you select ALL vehicles in all categories the display would be too congested for you to process the vehicles entering the station.



**AVI Status** - The AVI system uses the antennas seen over hanging the roadway. Each one is connected to a reader. When they are disabled the system will no longer communicates with the transponders in the vehicles. These should remain on at all times.


**Vehicle Class Range** - Classes are pre set.

**Selected Camera** - This area allows you to select the roadside camera that will be used to provide the pictures displayed on the screen. The **color camera** should be selected during **daylight hours** and the **black and white camera**, which has an infrared illuminator, should be selected **after dark**.

**VMS Scale - Show on Close** (lower right of Modify screen) option allows the operator to select which static scale reading is displayed (1 or 2) on the Variable Message Sign when station is closed. **Automatically Show Weights on VMS** must be checked for this option to function automatically with station close procedure.

### Vehicle Information

Each row displays the results of one vehicle that passed over the WIM. Each row contains five possible lines of data depending on whether the vehicle is registered with WA and has a transponder. Left clicking anywhere on a vehicle row darkens the row.

Sequence Number	Time Vehicle went over the WIM or Ramp	Speed crossing WIM	Transponder Number in Hexadecimal
39067-1	11:01:59 Lane: MAINLINE 1	51 mph 86.6 ft	Tag: 2088cd08
 <div> 8.6      8.6      15.1      14.6      8.2      13.7      13.5      14.4  0===13===0==5==0==4==0===20===0===20===0==5==0==5==0  PRTI TRANSPORT INC  8 Axles - Class 13      105500      Exp. 06/30/03      BC P39385 </div>			
			Hold    Print    More..

### Sequence #s

There are three sets of sequence numbers. One assigned by the WIM computer and the other assigned by the RAMP computer and the third when you create a vehicle. Each computer assigns these numbers sequentially (RAMP, WIM and your workstation). Normally, the WIM sequence number is displayed. When the vehicle does not go over the WIM then RAMP sequence number is displayed. These numbers are generated whether it is told to report or bypass. The sequence numbers increase with each vehicle passing until it reaches 65,000 or midnight then it starts over.

Attached to the sequence by a dash (-) is a number, 1 or 2 indicating from which computer, WIM (1) or ramp (2) the sequence number originates.


Following the sequence number is the **time** the vehicle crossed over the WIM or ramp sensors and the **lane** the WIM computer perceives the vehicle to be traveling. The **speed** is indicated but **not to be used for enforcement** followed by the **total wheelbase length** that the loops in the roadway sensed for the vehicle.

The final item in this line is the **tag or transponder** number that the AVI system read. Registered transponders allow CVSL to provide the carrier information. This information begins with the name of the licensee and below the GVW, Expiration Date, State and plate number.

**Axle weights shown per 1000 lbs.**

**Vehicle total weight**

**Bar color indicates severity of o/w condition.**

28075-1	17:26:57	Lane: FAST	61 mph
 <div> 10.0      17.6      15.9      18.0      18.5      80.0  0==13==*==5==*====30=====6==*      53.7  ===Axle distance in feet=== </div>			
5 Axles - Class 9			Hold    Print    More...    Cre Bridge Viol+1

**Wheelbase length** perceived by loops in roadway

[Hold]s vehicle summary on screen  
Primary violation only, [Ctrl]+[V] for others.

### Vehicle Class Designations

### Axle Information

This section shows a profile of the vehicles wheels starting from left to right from the front or steering axle. On the top line shown above each wheel symbol is the weight of that axle. At the end of this line is the total weight of the vehicle.

#### Axle designations

- o - Axle weight is legal.
- \* - Based on legal weight a single axle, tandem or bridge is overweight.
- x - Based on the Threshold setting a tandem or bridge is overweight.

On the third line are the wheel symbols with the distance shown between the axles as measured by the WIM. At the end of this line is the total length of the vehicle. **Note** the total length is for the wheelbase and does not include any front or rear overhang on the vehicle.

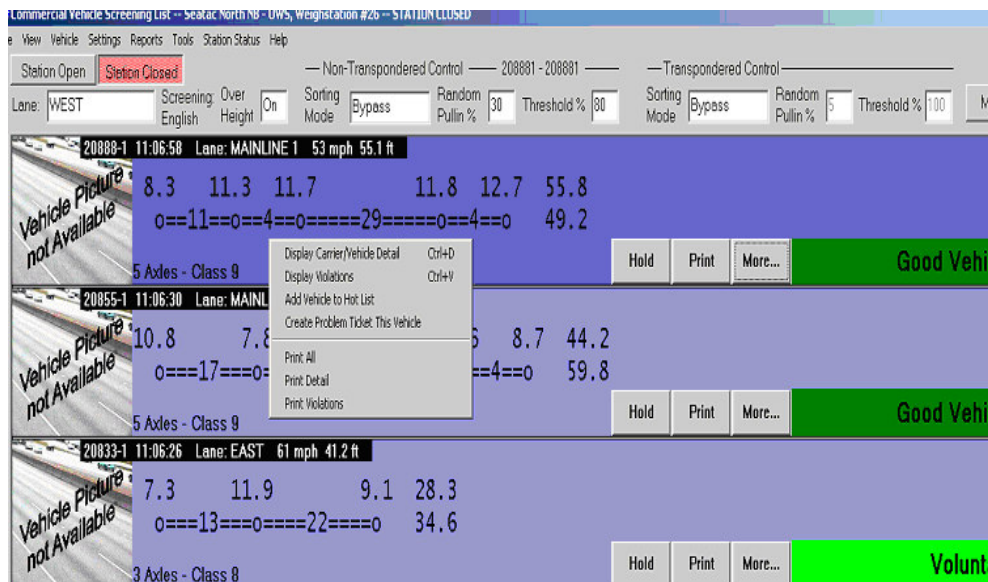
At the end of the fourth and fifth line is the highest priority reason for the vehicle being told to report. If there are other reasons there will be a plus sign followed by the quantity of additional violations. The additional reasons will be found in the **Display Violations**, right click on vehicle summary to view or press **[Ctrl]+[V]**.

**[Hold]** - Clicking on this button will hold this line of data on the screen as other vehicles scroll off. This is helpful for vehicles that you call in so they are still visible for use when the driver comes into the scale house.

**[Print]** - Clicking on this button will print a copy of the Commercial Vehicle Detail Report shown and discussed below.

**[More]** - Clicking on this button will display a copy of the Commercial Vehicle Detail Report on the screen so you can view and edit it before it is printed.

Right clicking anywhere on a vehicle row will bring up the popup screen shown below for selection of the functions listed.



**Display Carrier** - or **[Ctrl]+[D]** or equivalent to clicking the **[More]**, **Commercial Vehicle Detail**.

**Display Violations** - Displays the **Vehicle Violation Detail Report** shown in the lower section of the next page.

**Add Vehicle to Hot List** - When implemented this will place the selected vehicle on the hot list computer.

**Create Problem Ticket This Vehicle** - Problem ticket form opens and if selected after vehicle selection will include vehicle details directly to the form for you. Created for registration or vehicle updates.

**Print All** - This item is not activated but when it gets activated it will print all the three forms including the Detail, Violation and Bridging.


**Print Detail** - This prints the bridging form and is the equivalent of clicking on the Print button.

**Print Violations** - This prints the Violation form.

**Note:** If you double click anywhere on a vehicle row you will bring up a window with the picture of that vehicle. You can then click on the window with the picture will enlarge with each click.

**Vehicle Detail Report** Page 1

**Bow Hill - POE, Weighstation No. 33**  
**Commercial Vehicle Detail**



Seq # 22822-1  
Lane: NORTH  
Scale Head 1 Type: 4 - Mettler Toledo JagExtreme  
Certification no - date: UNKNOWN - 10/07/2002

Mon, 01/27/2003 02:33:52

Vehicle Weight Data			
Axle	Static lbs.	Weight in Motion lbs.	WIM Axle Dist. ft.
1	0	10,533	18.0
2	0	11,821	42
3	0	11,755	22.4
4	0	9,713	4.8
5	0	9,123	4.8
6	0	8,077	19.8
7	0	6,624	4.1
8	0	10,674	
Total		78,370	78.1

Axle Configuration: Vehicle Length: 9.818.0 ft  
 8.0, 5.1, 11.8, 11.8, 9.7, 9.2, 8.1, 6.6, 10.7, 78.4 x 17 lbs  
 8 Axles - Class 13

Axle Weight Threshold Applied: 100%

**Vehicle Information:**

License Plate: WA-A12827B  
VIN: 1X1EA28V4HJ369807  
Transponder ID: 20877670  
Stolen Vehicle:

**Carrier Information:**



Carrier Name & Address: B E HANDERSON  
6799 GOODWIN ROAD  
EVERSON, WA 98247 - USA

Contact Information: B E HANDERSON  
6799 GOODWIN ROAD  
EVERSON, WA 98247 - USA

Licensed GVW: 50,000  
GVW Exp. Date: 02/06/2003  
Reg. Exp. Date: 02/06/2003  
IRP Status Code: Current

USDOT #: 499491  
Safety Rating: Satisfactory  
Safety Rating Effective Date: 09/13/1993  
ISS-2 Score: 47  
ISS-2 Score Effective Date: 11/29/2002  
Safety/NSC ID #: NSC Safety Rating:

Financial Resp.:

This **Commercial Vehicle Detail Report** shows all the details of the selected vehicle. It is meant as documentation for your records. **Static scale weights** can be added to this report. If the static weights are entered and saved by clicking on the **[Save Weights]** at the bottom of the main screen a report containing the **static scale weight** instead of the WIM weights can be printed.

Button Selections for this page are:

**[Don't Show Picture]** - Clicking on this will cause the picture of the vehicle to not show and not be printed.

**[Don't Show Weigh in Motion]** - Clicking on this button will cause the weigh in motion weights to be removed from the report.

**[Static Axle Distance Feet]** - Click [Static Axle Distance Ft] to bring up screen to enter actual axle measurements taken.

**[Bridging]** - Clicking on this button will open the **Vehicle Axle Bridging Weight Detail Report**.

**[Violations]** - Clicking on this button will open the **Vehicle Violation Detail Report**.

**[Print Page]** - Clicking on this button will print the report as it appears at the time this button is clicked.

**[Close]** - Close without saving any changes.



This **Vehicle Violation Detail Report** screen shows what items are being screened and which items failed.

**Vehicle Detail Report** Page 2

**Bow Hill - POE, Weighstation No. 33**  
**Vehicle Violation Detail**

Veh Time: 01/27 02:33:52 Seq No: 22822-1 Carrier: B E HANDERSON  
License: A12827B Dangerous Goods: N  
Tag No: 20877670 VIN: 1X1EA28V4HJ369807 Permitted GVW: 50,000

Code	Description	Checked	Status	Priority
22	Over Licensed GVW	yes	FAIL	12
24	No Active RTA Status	bypassed	FAIL	14
33	Non NORPASS Transponder - In Database	bypassed	FAIL	33
18	Over GVW	yes	ok	5
01	Overweight	yes	ok	6
19	Stolen Vehicle	yes	ok	6
06	Bridge Formula Violation - WIM	yes	ok	7
13	Safety Rating Not Satisfactory	yes	ok	8
41	NSC Safety Rating Not Satisfactory	yes	ok	8
09	Running Scale	yes	ok	9
18	Vehicle Registration Out of Date	yes	ok	9
21	Licensed GVW Expired	yes	ok	10
02	Overheight	yes	ok	11
25	No Current IRP Status	bypassed	ok	13
14	Liability Insure Not Compliant	bypassed	ok	16
26	Outstanding Out-Of-Service Inspects	yes	ok	17
27	Carrier Out-Of-Business	bypassed	ok	21
28	CVSEF Fee Not Paid	yes	ok	22
12	Credentialed Random Pull	yes	ok	23
05	WIM Random Pull	yes	ok	24
28	Tag Serial Number Does Not Exist In Database	bypassed	ok	26
30	Bridge Formula Violation - Credentialing	yes	ok	27
42	Axle Spacing between Axle Groups is Illegal	yes	ok	27
04	Manipulation Error	yes	ok	28
08	Partly On Scale	yes	ok	28
01	Onscale Missed	yes	ok	28
82	Speed Change	yes	ok	28
83	Weight Difference	yes	ok	28
84	Partial Axle Detected	yes	ok	28
85	Unequal Axles Detected	yes	ok	28
86	Tailgating	yes	ok	28
87	Bad Lateral Position	yes	ok	28
88	No Compliance Table	yes	ok	28
89	Overlength	yes	ok	28
90	Overide Failed	yes	ok	28
91	Vehicle Entered Roadway b/w WIM and Weigh Station	yes	ok	28






**Vehicle Detail Report** Page 3

**Bow Hill - POE, Weighstation No. 33**  
**Vehicle Violation Detail**

Veh Time: 01/27 02:33:52 Seq No: 22822-1 Carrier: B E HANDERSON  
License: A12827B Dangerous Goods: N  
Tag No: 20877670 VIN: 1X1EA28V4HJ369807 Permitted GVW: 50,000

Code	Description	Checked	Status	Priority
81	Vehicle Entered Roadway b/w WIM and Weigh Station	yes	ok	28
83	Speeding	bypassed	ok	29
08	Truck not in WIM lane	yes	ok	29
11	Vehicle not Matched	bypassed	ok	29
31	Over Tandem - Credentialing	yes	ok	31
32	Over Axle - Credentialing	yes	ok	32
48	CRE Set to Bypass Mode	yes	ok	48
49	CRE Set to Report Mode	yes	ok	49
78	WIM Set to Bypass Mode	yes	ok	78
79	WIM Set to Report Mode	yes	ok	79
23	Over Licensed GVW - WIPermit	no		15
17	No Active Operating Authority	no		18
15	Cargo Insure Not Compliant	no		19
16	Bond Trust Not Compliant	no		20
29	SAFESTAT Score Greater Than Threshold	no		30
34	Report Given - Illegal Bypass	no		34
35	ISS-2 Score > Threshold	no		35
36	Safety Category Reflect Bad Carrier	no		36
37	No Jur Operating Authority	no		37
38	Jur Insurance Not Active	no		38
39	Vehicle Cargo contains Hazardous Materials (HAZMAT)	no		39
40	FRISM Targeted Vehicle - Mandatory PullIn	no		40



**Code & Description** - For full listing, click blue link

**Checked** - Possibilities are

**No** - CRISS is not checking this item.

**Yes** - This is an active item that is being checked and a vehicle will be pulled in if it is not OK

**Bypassed** - This indicates this item is being checked for statistical purposes only..

**Status** - Possibilities are

**OK** - The vehicle passed this item.

**FAIL** - The vehicle failed this item but station status is in bypass so it was not an item that caused the vehicle to be pulled in

**FAIL** - Vehicle failed this item and was pulled in because of this and perhaps additional items if + sign is visible on the end of vehicle violation strip.

**Priority** - The priority of the violation.

This **Vehicle Violation Detail Report** screen has three buttons.

**[Violations 1 & 2]** - Opens the second page of violations. This screen has additional violations used to screen on but is otherwise the same as the first page.

**[Print Page]** - Prints a copy of this screen.

**[Close]** - Closes form window.

**Bow Hill - POE, Weighstation No. 33**  
**Vehicle Axle Bridging Weight Detail**

Axles	WIM Weight	WIM Span	Legal Weight	Over Legal	Threshold	Threshold Weight
1	10533		20000		70	14000
1-2	22354	18	40000		100	40000
1-3	34109	22.2	52500		100	52500
1-4	43822	44.6	72000		100	72000
1-5	52995	49.4	78500		100	78500
1-6	61072	54.2	86500		100	86500
1-7	67696	74	103000		100	103000
1-8	78370	78.1	105500		100	105500
2	11821		20000		100	20000
2-3	23576	4.2	34000		100	34000
2-4	33289	26.6	56000		100	56000
2-5	42462	31.4	62500		100	62500
2-6	50539	36.2	70500		100	70500
2-7	57163	56	87500		100	87500
2-8	67837	60.1	95000		100	95000
3	11755		20000		100	20000
3-4	21468	22.4	40000		100	40000
3-5	30641	27.2	56000		100	56000
3-6	38718	32	63500		100	63500
3-7	45342	51.8	80500		100	80500
3-8	56016	55.9	87500		100	87500
4	9713		20000		100	20000
4-5	18886	4.8	34000		100	34000
4-6	26963	9.6	43500		100	43500
4-7	33587	29.4	61500		100	61500
4-8	44261	33.5	69000		100	69000
5	9173		20000		100	20000
5-6	17250	4.8	34000		100	34000
5-7	23874	24.6	54500		100	54500
5-8	34548	28.7	61500		100	61500
6	8077		20000		100	20000
6-7	14701	19.8	40000		100	40000
6-8	25375	23.9	54000		100	54000

Static Scale Print Page  
Page 2 Close

Washington State Department of Transportation Washington State Department of Licensing

This **Vehicle Axle Bridging Weight Detail Report** shows all possibilities of axle combinations and the weight that the WIM measured. If the static weights were entered Officers can click on the **[Static Scale]** at the bottom of the screen to view a report, containing the static scale weights saved instead of the WIM weights.

As on the other screens the **[Print Page]** will print a copy of the report and the **[Close]** will close the report window. The **[Page 2]** button will bring up page 2 if there are enough axle combinations to require a second page

## Static Scale Information

Static Scales on Lane WEST - English

2. **20**

1. **39,240**

Scale 2 Axle(s) weighed: Save Scale 2 Weight ->

Scale 1 Axle(s) weighed: Save Scale 1 Weight ->

Switch Scales Clear Selected Static Weight(s)

Axe Detail: 20206-1

Weight Violations:

Static (lbs)	Axle	WIM (lbs)	Sep (ft)	A	T	Bridge
	1	13,300	11.0			
	2	13,331	4.3			
	3	15,322	31.0			
	4	9,514	4.0			
	5	8,803				

Totals 61,560 50.3

Static Scale Vehicle Counts

Green windows show the static scale weights for vehicles that are at that moment on the static scales. The top left corner indicates the scale number. Scales are numbered right (1) to left (2) and sometime 3, viewing from inside scale house. 1 is the first scale, 2 is the second, 3 is the third scale the vehicle crosses coming into the weight station.

The Weight Violations section (far right) are **Axle Tandem & Bridge** violations and will display in color coded weight severity bars indicating where the violation exists.

**Blue dots** in the Static Scale area indicate when the axle weight is reasonably stable for saving. **Note:** Not all scales are programmed for this feature.

## How to Enter & Save Static Scale Weights

To enter static weights for a vehicle first click on the **[Hold]** (changes to **[Release]**) for the vehicle on the main display screen.

Lane: WEST 58 mph 76.0 ft Tag: 20890c31

6.1 5.7 10.2 1.6 2.4 1.7 39.1

18==0==4==0==36==0==5==0==4==0==4==0 71.8

Class 13 105500 Exp 04/30/03 WA 74851PR Release Print More... WIM

Lane: WEST 35 mph 70.0 ft Weight Data Not Available

Static Scales on Lane WEST - English

2. **34,160**

1. **32,220**

Scale 2 Axle(s) weighed: Save Scale 2 Weight ->

Scale 1 Axle(s) weighed: Save Scale 1 Weight ->

Switch Scales Clear Selected Static Weight(s)

Axe Detail: 40735-1

Static (lbs)	Axle	WIM (lbs)
11,519	1	
6,080	2	
5,709	3	
10,167	4	
1,569	5	
2,420	6	
1,679	7	

Totals 39,143

Scale 0 Axle(s) weighed: Compute Weight Using Scale 0 Weight ->

Scale 1 Axle(s) weighed: Compute Weight Using Scale 1 Weight ->

Save Static Scale Weights

Switch Scales Clear Selected Static Weight(s)

Axe Detail: 2756-1

Weight Violations:

Static (lbs)	Axle	WIM (lbs)	Sep (ft)	A	T	Bridge
11,520	1	9,188	19.0			
30,740	2	5,897	4.4			
AAAAA	3	6,080	12.7			
29,540	4	6,503	4.1			
AAAAA	5	9,043				

71,800 Totals 36,711 40.2

29,540 15,546 4.1

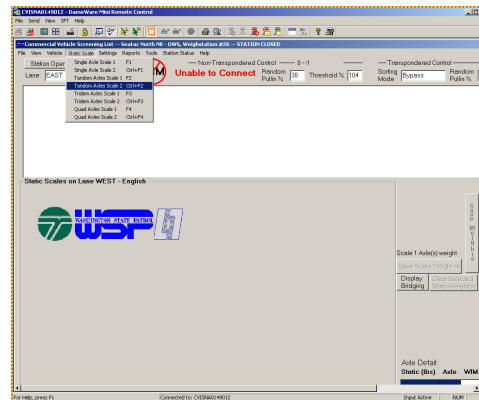
Static Scale Vehicle Counts

There are now two options for Saving the Static Weights.

1. Select/highlight the axle row(s) in **Axle Detail** section for the axles currently on one of the scales. Click **[Save Scale 1 or 2 Weight]** as appropriate. The weight will appear under the Static (LBS) column in the highlighted rows. When the static weights are filled in, then the **[Save Static Scale Weights]** appears for saving the Weights to the **Vehicle Detail Report** (CVISN database) and for printing.

2. From the Static Scale menu select:

Single Axle 1 [F-1]  
 Single Axle 2 [Ctrl]+[F-1]  
 Tandem Axles Scale 1 [F-2]  
 Tandem Axles Scale 2 [Ctrl]+[F-2]  
 Tridem Axles 1 [F-3]  
 Tridem Axles 2 [Ctrl]+[F-3]  
 Quad Axles 1 [F-4]  
 Quad Axles 2 [Ctrl]+[F-4]



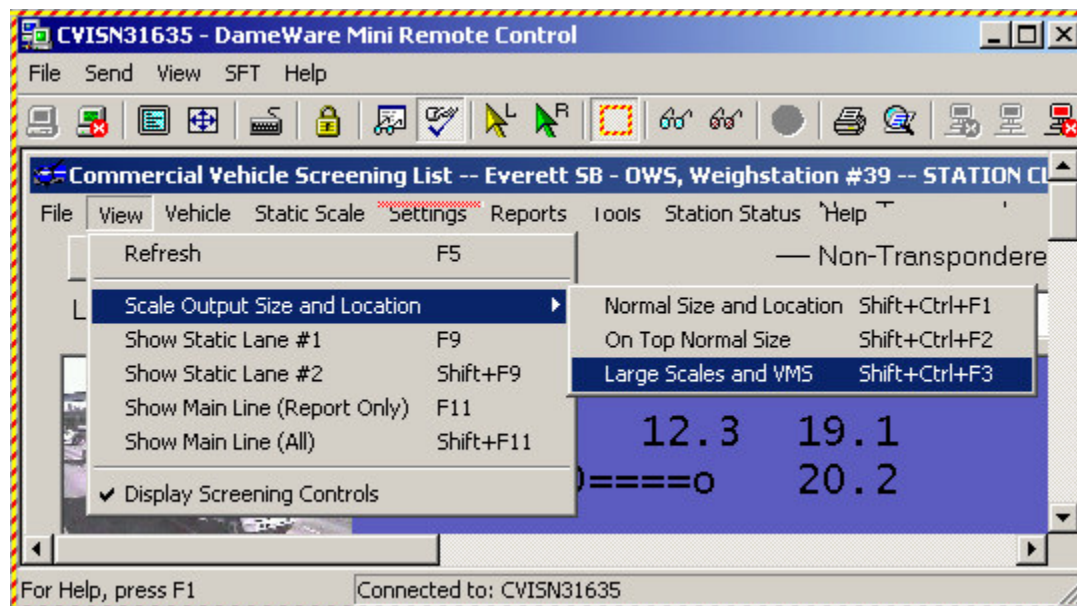
If weights were incorrectly saved, highlight the incorrect axles and click **[Clear Selected Static Weights]**.

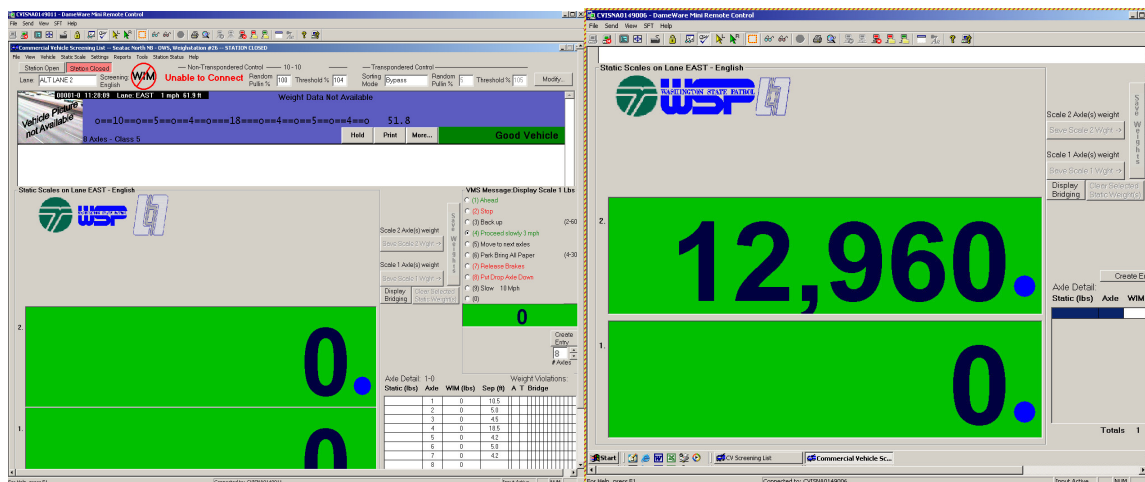
In static weight section of the screen the A column is Axles, the T is Tandem. The Bridge area will fill with bars color coded to the severity of the Bridge infraction.

**Example:** If the Vehicle you have on the scale has two rear axles and you want to put their static weight in rows 4 and 5 then you would highlight the two rows pertaining to axle 4 & 5. Click **[Compute Weight Using Scale 1 or 2 Weight]**. In the example this is scale number 2

The bridging static axle weights must be filled in as appropriate for the number of axles corresponding to the [HOLD] vehicle. The Axle weight detail displays in the color (white, yellow, orange, red) as pertains to the **weight chart**.

### Changing Static Scale View or Display





**Adding a Vehicle to CVSL** - Used when the vehicle has entered the scale and there is no identifiable vehicle record or in the instance of a return to scale, the vehicle has been called back in.

To create a mock vehicle, from the View menu select **Scale Output Size and Location, Large Scales and VMS** [Shift+Ctrl+3] click [Start Truck Creation]. A drop down box displays with a choice of axle distances. There are arrows to increase/decrease the number of axles.

Click [Cancel] or [Make Truck]. After selecting [Make Truck] the screen refreshes and the created truck is at the top of the display. Officers may now use this record for the vehicle with normal procedures.

Sequence number will be created using the normal sequence of 00001-99999, with an assigned -0 instead of the IRD -1 or -2.

## Seeking Help

The CVSL manual is available from the CVISN workstation desktop or printed copies in the Weigh Station.

The **CVISN Team** can answer questions at any time via e-mail or a phone call. Comments and suggestions are always welcome.

Doug Deckert 360-561-6360

Jean Larson 360-701-8067

Doug Wyman 206-719-8055

Or create a ticket from CVSL instructions follow.

## Problem Ticket Instructions

Create Problem Ticket by right clicking on a vehicle row, the vehicle information will be entered on the form for you. Or click on **HELP** on the **CVISN** Screen upper tool bar selecting **CREATE PROBLEM TICKET**,

Please type in your name and select your station in case we have questions or need to follow-up with you.

Enter the date and time, or you can click on **[NOW]** to auto-enter the present date and time.

Use the drop down list to select the jurisdiction of the vehicle or include state abbreviations with Plate number.

Select the problem category from the drop down list. If you are unsure of the proper category then select default WSDOT.

You may select the priority type; **Low, Medium, High, or Urgent**.

Select a summary from the Choose Subject drop down list. If you do not see one that fits your problem then please enter your summary in the box below.

Please include a **description of the problem** in the box provided and click on **Submit**. The ticket will be automatically forwarded to the CVISN Team.



PRODUCTION AREA

### Problem Ticket Get Information

User Name: <input type="text" value="deckerd"/>		Computer Name: <input type="text" value="CVISN32586L"/>	
Contact Name: <input type="text"/>		Phone Number: <input type="text"/>	
Choose Location: <input type="text" value="Enter your own location or Choose one"/>		Location: <input type="text"/>	
Date/Time of Incident: <input type="text" value="NOW"/>		WIM Sequence Number: <input type="text"/>	
Transponder Serial Number: <input type="text"/>		VIN: <input type="text"/>	
Jurisdiction: <input type="text" value="Choose Jurisdiction"/>		Plate Number: <input type="text"/>	
Problem Category: <input type="text" value="DOL"/>		Problem Priority: <input type="text" value="Medium"/>	
Choose Subject: <input type="text" value="Enter your own summary below or Choose one"/>			
Problem Summary: <input type="text"/>			
Problem Description: <input type="text" value="The problem is"/>			

If you have any additions for this page, comments, or suggestions  
[Send it here](#)

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 Last modified on 05/05/2003 04:53:14 PM

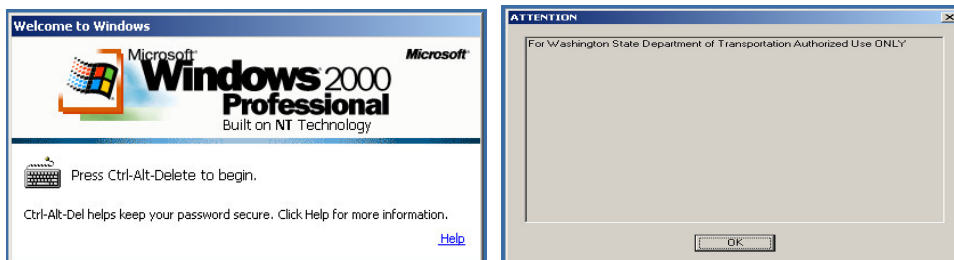
## Printing the Contents of the Screen

Press the **[Ctrl]+[Print Screen]** for the entire desktop or **[Alt]+[Print Screen]** for the active window only. The "Print Screen" key is usually found in the top right of the keyboard after the function [F] keys.

The above process places the contents of the screen on what is called the Windows "Clipboard." Start MS Word and click on the open doc and paste from the file menu or **[Ctrl]+[V]** to Paste the picture. This places the screen content of the clipboard in the open Word document. E-mail the word doc to the [CVISN team](#).

## Logging On

Turn the computer on. It will take a few minutes for the computer to boot up to the point that it displays the Log in window shown.



Just press the enter key to get rid of this window and then the window shown below will appear.





You should only have to enter the password and press enter or click on [OK] and the computer will start the CVISN program. Your supervisor will give you the password.

The field below the password is for the domain (to Log on to:). **Please Note** the correct domain to log into is "CVISN#####" (this computers name and number) not WSDOT as indicated. This is normally in the drop down list if not the listed default. **Specific Logins Table** below.

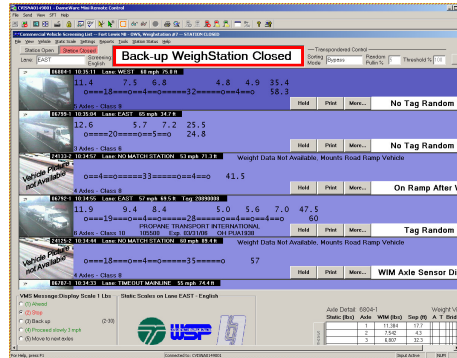
Bow Hill SB	33	CVEBowHillS
Cle Elum WB	53	CVECleElumW
Cle Elum EB	52	Not automated
Fort Lewis NB	7	CVEFtLewisN
Everett SB	39	CVEEverettS
Kelso SB	77	CVEKelsoS
SeaTac NB	26	CVESeatacN
SeaTac SB	27	CVESeatacS
Stanwood Bryant NB	38	CVEStanwoodN
Plymouth WB	54	CVEPlymouthW
Prosser EB	40	Not automated
Ridgefield NB	72	CVERidgefieldN
Spokane EB	64	CVESpokaneE
Plymouth WB	54	CVEPlymouthW

## Screen Icons - Messages

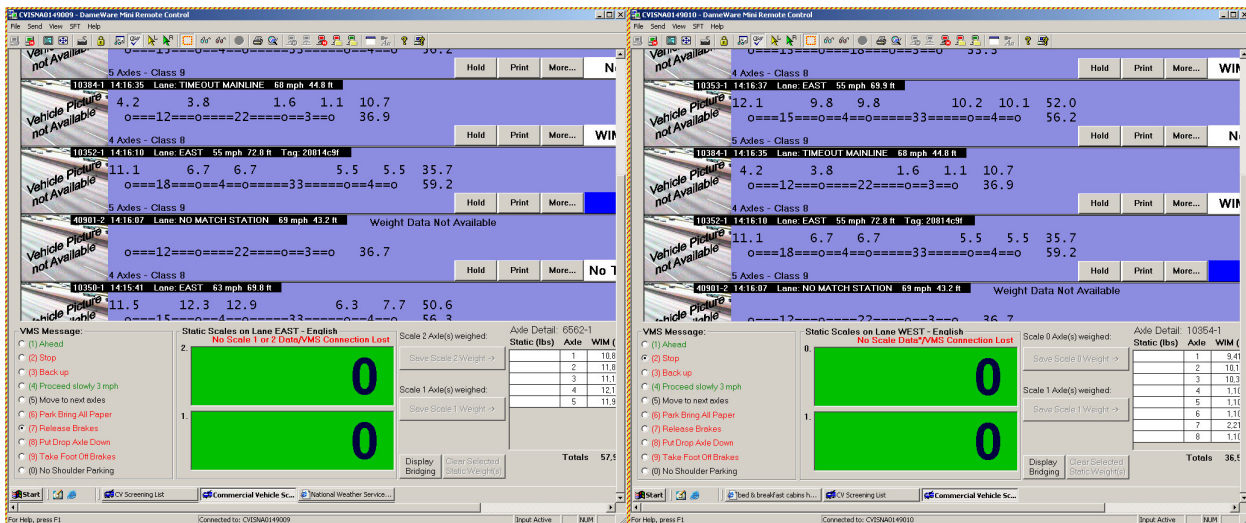
Below shows the top of the screen with the Unable to Connect symbol displayed. This shows that there is a problem with the CVSL software connecting to the WIM roadside computers. The **CVISN Team** should be called to correct this problem.



The following displays when weigh station traffic has backed up and the installed backup detect software has automatically closed the station. This is operational at the **SeaTac** and **Fort Lewis** weigh stations.



The **messages in red** shown below indicate lost connections either with static scale or Variable Message Sign (VMS) and can be re-set by unplugging for a few seconds and reconnecting the small, front power cable from the Troy box (4.5 black box) under the cabinet. Messages vary. If this fails to work contact the **CVISN Team**.



**Security Patch Messages** - At times a popup window titled, “**Software Updates Installation**” will display in lower right of your screen. This indicates that WSDOT has installed mandatory **security patches** on the workstation. The message further states that until you re-start the workstation the updates will not take effect. Please re-start your workstation at the earliest possible convenience. This should not interrupt the operation of the CVSL software. If you encounter problems please notify the **CVISN Team**.

**Vehicle Picture not Available** - If you are receiving full screens of this message contact **CVISN Team** as this indicates possible problems with the picture processing. This message displays intermittently during normal operation when vehicle matching fails.

**No Match Station** - Axle length does not match up with WIM record or vehicle sequence has changed.

**Vehicle Timeout** - Vehicle did not match up with timed sequence in route to weigh station.

**Bypass** - Vehicle failed to report when system passed report.

## Confiscating or Verifying Permits

This application (eSNOOPI) is administered by the **Motor Carrier Services** division of WSDOT providing officers on-line access to confiscating or checking a permit. Contacts are **Jim Wright** (360-704-6345) or **Sonja Cox** (360-704-6343).

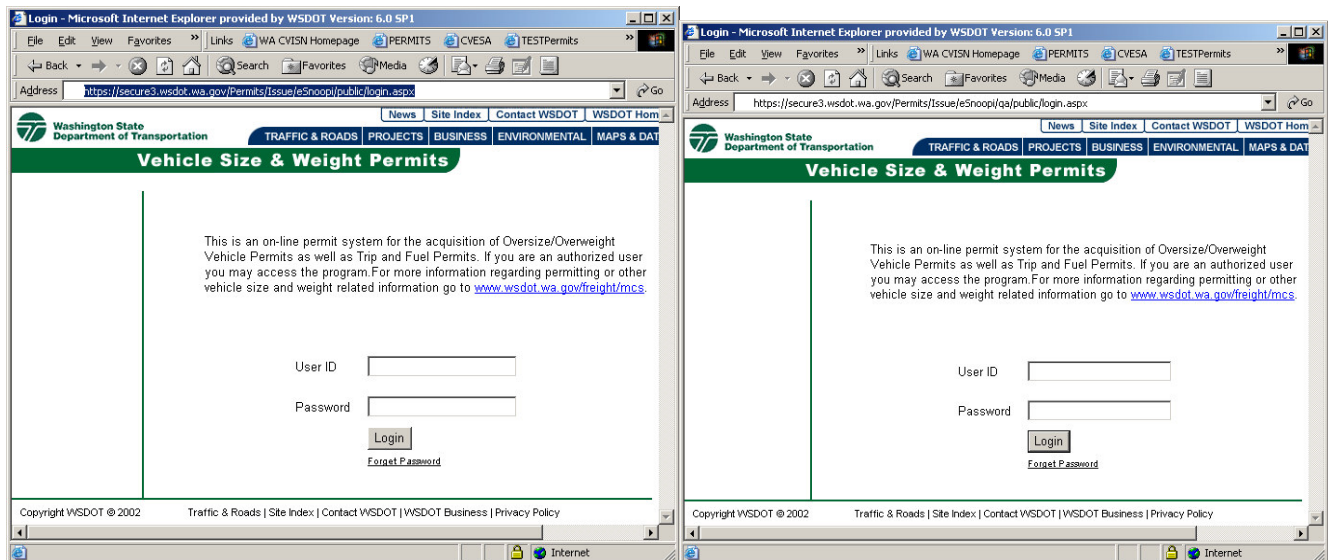
<https://secure3.wsdot.wa.gov/Permits/Issue/eSnoopi/public/login.aspx> **Note** http"s" in address.

This URL is stored on CVISN workstations under the "Links" menu option of Internet Explorer as PERMITS. It may exist under different verbiage. The above URL can be used from any networked workstation or accessed through the WSDOT Home Page by clicking the arrow pointing links.

The screenshot shows the WSDOT website interface. The left sidebar contains a 'Links' menu with various categories. The main content area is titled 'VEHICLES SIZE & WEIGHT' and includes a section for 'Online Permitting' with a link to 'E-SNOOPI Online Permitting'. A white arrow points to this link. The page also features a map of Washington state and a section for 'Permits & Fees'.

Please **note** there are two different URLs (web addresses) assigned to the Internet Explorer Links menu, **Permits** (real world, production) or **TESTPermits** (learning and practice). TESTPermits should have a **QA** in the URL (**esnoopi/QA/public/**). Please make sure you are logged into the appropriate one.

Example of **PERMITS** (real world, production) & **TESTPermits** web addresses provided on the following page. We are working to get identification on the actual web pages.



Login ids are provided by your station location preceded by an X for external user. There is a 10 character limit on login ids so please check the table provided.

Weigh Station		eSNOOPI Login ID	Contact (e-mail)
Bow Hill SB	33	XBowHill	gayle.lapp@wsp.wa.gov
Cle Elum WB	53	XCleElum	michael.herron@wsp.wa.gov
Cle Elum EB	52	Planned 2005-07	
Fort Lewis NB	07	XFtLewis	william.balcom@wsp.wa.gov
Everett SB	39	XEverett	ernie.brown@wsp.wa.gov
Kelso SB	77	XKelso	gary.park@wsp.wa.gov
SeaTac NB	26	XSeatacN (+direction)	joseph.ross@wsp.wa.gov
SeaTac SB	27	XSeatacS (+direction)	rich.griebel@wsp.wa.gov
Stanwood Bryant NB	38	XStanwood	ernie.brown@wsp.wa.gov
Plymouth WB	54	XPlymouth	dave.donaldson@wsp.wa.gov
Prosser EB	40	Planned 2005-07	
Ridgefield NB	72	XRidgefiel (no d)	dale.richardson@wsp.wa.gov
Spokane EB	64	Proposed	Dean Ide & Larry Pasco

**Note** Your password entry will be the same as your password to log into the CVISN workstations. Login Id exceptions will be Ridgefield (with no d) and the SeaTacs which require separation so direction was added.

SAMPLE      **User ID:** xcleelum      **Password:** officers



Enter at least three characters of the company name to search by company name or the permit number and click [Search]. Searching for company is faster by using the complete name or the complete first word of company name.

Select the appropriate item from the drop down box.

Enter reason for confiscation and your badge number. Please state specific violation for liability.

Click [Confiscate](#).

You will receive the message "Permit confiscated successfully."

If you wish to cross check a confiscation or another permit click [FIND](#) from the left navigation window.

Enter the permit number and click [Search].

Select the permit from the drop down.

Find Permit - Microsoft Internet Explorer provided by WSDOT Version: 6.0 SP1

Washington State Department of Transportation

Vehicle Size & Weight Permits

Find Permit  
Confiscate Permit  
Restore Permit  
Log out

Find Permit

Company  Search

Vehicle  Search

Permit  Search

Permit Summary [View Permit Detail](#)

Company

Permit

Start Date

Expire Date

Status

Issuing Agent

Issuing Office

Voiding/Confiscating Agent

Voiding/Confiscating Date

Voiding/Confiscating Reason

Fee

Payment Status

Type

Plate Number

The permit summary screen will open. If this is insufficient detail click [View Permit Detail](#). On confiscated permits note the **CONFISCATED** verbiage in the Find drop down. Viewing the permit detail **CONFISCATED** is stamped across the permit.

SPECIAL MOTOR VEHICLE  
OVERSIZE/OVERWEIGHT

Permit Number: 000732960

Office: 405100 Motor Carrier Services (Headquarters)

Issued: 5/6/05 10:50 Report #: Original Permit #: Suspense #:

Company Name: BLACKHORSE TRANSPORTATION

Address: 92 SOUTH AVE SPRUCE GROVE, AB T7X 3B2 Credit

Power Unit No: 72 Power Unit Axles: 3 Total Fee: 10.00

License: C-21899 Trailer Unit Axles: 3 Miles: 410

VIN: 1XPD000000N443871 Km: 600

Lic State: AB Agent: 1908 Make: Peterbilt

Load Transportation Item: STACKER CONVEYOR

Note: From: WA ID BORDER To: WA BC BORDER

Routing: Refer To Following (Permit)

Max Weight	Lb	Kg	Max Dimension	Meters
Gross			Width: 11ft 6in	3.5278
Legal			Height: 7ft 6in	4.6228
Excess Gross			Overall Length: 75ft 0in	22.8600
Gross Axle			Trb Load Overhang: 138ft 9in	4.1918
Legal Axle				
Excess Axle				

Special Conditions:

\*\* SIGN IN COLORED INK (NOT BLACK) TO VALIDATE PERMIT. CARRY PERMIT IN VEHICLE AT ALL TIMES. \*\* OVERSIZE LOAD SIGNS REQUIRED. \*\* FORM 506-000 ATTACHED. \*\* ROUTE DOES NOT GUARANTEE HEIGHT CLEARANCES. \*\* FRONT PILOT REQUIRED ON ALL HIGHWAYS. \*\* FRONT PILOT TO HAVE HEIGHT POLE. \*\* IF TRAVELING ON CITY OR COUNTY STREETS, LOCAL APPROVAL MUST BE OBTAINED. \*\* REFER TO FORM 506-000 FOR ESCORT CAR REQUIREMENTS. \*\* LOAD MUST BE REDUCED TO PRACTICAL MINIMUM.

READ THIS BEFORE SIGNING

The Undersigned permittee acknowledges that the permit has been issued with the specific understanding that all applicable Washington State Laws, Administrative Codes, regulations and conditions will be complied with, and that the information contained herein is true and correct. Undersigned permittee must contact local jurisdiction when not operating on state highways.

SIGNED: X

PERMIT NOT VALID UNLESS SIGNED BY PERMITTEE

VIOLATION OF SPECIAL PERMITS - PENALTY:

For failure to obtain, misrepresentation, or violation of special permits, State law provides for a fine, confiscation and suspension of permit without refund. No refunds after the start of the effective dates.

DOT Form 506-031  
Revised 1/99  
4/00app Version 3.3

Restore Permit - Microsoft Internet Explorer provided by WSDOT Version: 6.0 SP1

Washington State Department of Transportation

Vehicle Size & Weight Permits

Find Permit  
Confiscate Permit  
Restore Permit  
Log out

Restore Permit

Company  Search

Vehicle  Search

Permit  Search

Restore Reason

Restore

Permit Summary

Company

Permit

Start Date

Expire Date

Status

Issuing Agent

Issuing Office

Fee

Payment Status

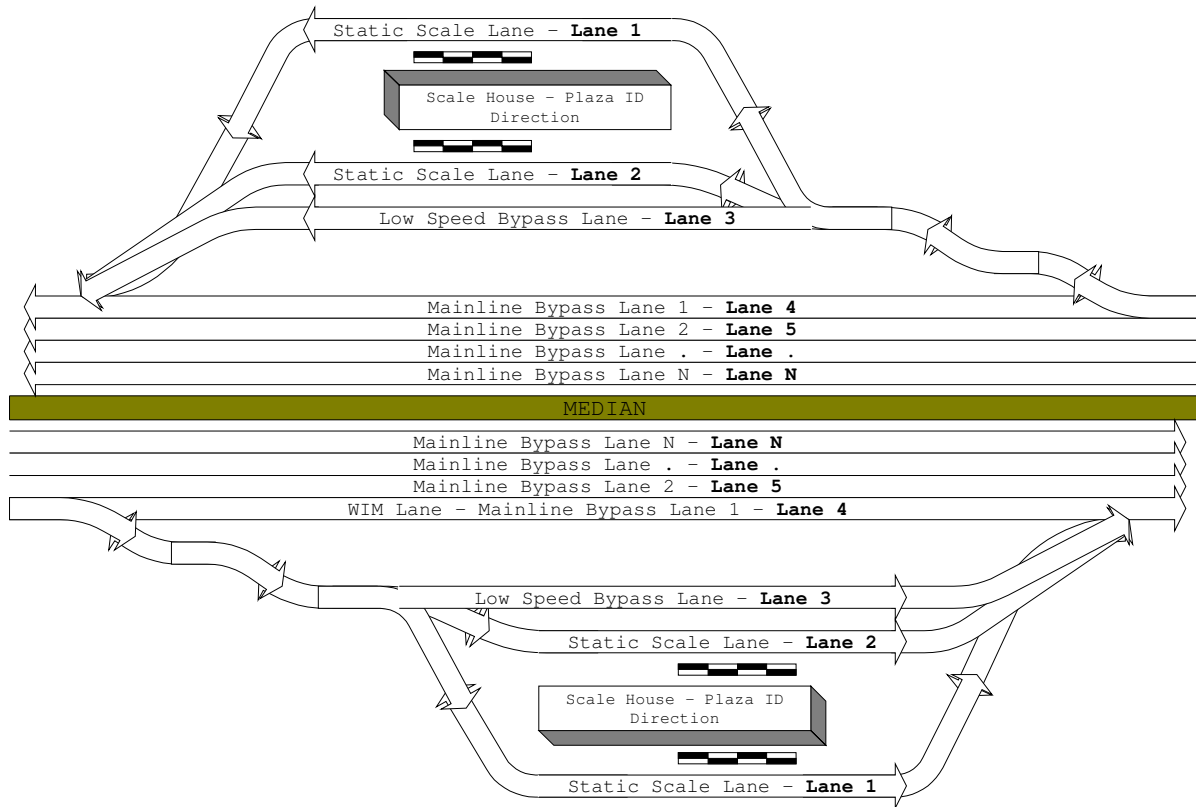
Type

Plate Number

**Note:** If confiscated in error you have the option to [Restore Permit](#) from the left navigation window.



## Lane Numbering Diagram



## Weight Violation Severity

WIM weight is 6% over legal		99%+ likelihood of violation
WIM weight is 3% over legal		80%+ likelihood of violation
WIM weight is 1% over legal		55%+ likelihood of violation
WIM weight is 2% under legal		Pulled in due to Threshold setting

## WEIGHT VIOLATION SEVERITY

**Bypass** - Everything is told to Bypass the scales.

**Report** - Everything is told to Report to the scales.

**Sorting** - Only vehicles not meeting the selected criteria are given instruction to report.

**OFF** - In this mode everything is off and **no statistics are saved**.

### WIM WEIGHT EXAMPLES

This table shows the results of the various combinations of modes for both registered-transpondered vehicles and non-transpondered or non-registered tagged vehicles.

WIM Sorting Mode	Screener Sorting Mode	Decision@Location	Static Weight (unknown, 5% of VSM weight)	Transponder
- Off	O - Off	Manual	Off	B
- Off	S - Sort	Screener	Bypass/Report	B/R
- Off	R - All Report	Screener	Report	R
- Off	B - All Bypass	Screener	Bypass	B
- Sort	O - Off	WIM	Bypass/Report	B/R
- Sort	S - Sort	Screener	Bypass/Report	B/R
- Sort	R - All Report	Screener	Report	R
- Sort	B - All Bypass	Screener	Bypass	B
- All Report	O - Off	WIM	Report	R
- All Report	S - Sort	Screener	Bypass/Report	B/R
- All Report	R - All Report	Screener	Report	R
- All Report	B - All Bypass	Screener	Bypass	B
- All Report	O - Off	WIM	Bypass	B

Page 10 WIM weight is 2% under legal weight (severity white, pulled in due to threshold setting) Revised 2006

● WIM weight is 1% over legal weight (severity yellow, 55+% likelihood of violation)

● WIM weight is 3% over legal weight (severity orange, 80+% likelihood of violation)

B - All Bypass      S - Sort  
 B - All Bypass      R - All Report  
 B - All Bypass      B - All Bypass

Screener  
 Screener  
 Screener

Bypass/Report      B/R  
 Report      R  
 Bypass      B

### Vehicle Class Range

Defines the class range being used to screen commercial vehicles.

Class	Description	Class	Description
1	Motorcycle	8	Tractor and trailer with 4 or less axles
2	Passenger Cars	9	Single Trailer with 5 axles
3	Light Trucks with two axles (4 tires)	10	Single Trailer with 6 or more axles
4	Buses	11	Multi Trailer with 5 or less axles
5	Straight Truck with 2 axles (6 tires)	12	Multi Trailer with 6 axles
6	Straight Truck with 3 axles	13	Multi Trailer with 7 or more axles
7	Straight Truck with 4 axles		

### Vehicle Violation Codes and Message Displayed

Color coding specific to weigh station settings.

Code	Description	Violation Message
00	Good Vehicle - Bypass	Good Vehicle
01	WIM has determined the vehicle is over the legal GVW for its class	WIM Overweight
02	WIM has determined the vehicle is over the legal height	WIM Overheight
03	WIM has determined the vehicle is Speeding	WIM Speeding
04	WIM has determined the vehicle is not passing over the WIM properly - WIM Manipulation Error	WIM Manip Err
05	Random Pull for Non-Transpondered Vehicle	No Tag Random Pull
06	WIM has determined the vehicle has a Bridge Formula Violation	WIM Bridge Viol
07	Voluntary Review Pull In - Vehicle has pulled into the weigh station without receiving a Report status	Voluntary
08	Vehicle was classified as a commercial vehicle and did not go over the WIM - Truck not in WIM lane	Truck in Fast Lane
09	Running Scale on Mainline - Report Given but vehicle bypassed weigh station anyway on mainline	Mainline Running
10	WIM has determined vehicle is over its licensed GVW	WIM Over GVW
11	Vehicle was detected at the Station but did not match to any WIM record	No Match Station
12	Random Pull for Transpondered Vehicle	Tag Random Pull
13	USDOT Safety Rating is Not Satisfactory	Non Satisf Safety
14	USDOT Liability Insurance is Not Compliant	No Liab Insure
15	USDOT Cargo Insurance is Not Compliant	No Cargo Insure
16	USDOT Bond Trust is Not Compliant	No Bond Trust
17	USDOT does not have an Active Operating Authority	No Oper Auth
18	Vehicle Registration Out of Date	Veh Reg Old
19	Records indicate this is a Stolen Vehicle	Stolen Veh
20	Washington Commercial Vehicle Safety Enforcement Fee (CVSEF) has Not been Paid	CVSEF Not Paid
21	Licensed GVW Expired	GVW Expired
22	Vehicle is Over its Licensed GVW	Over Lic GVW
23	Vehicle is Over its Licensed GVW - even with known Permits	Ovrwght W Prmt
24	Records indicate Vehicle's IFTA Status is Not Satisfactory	IFTA Status Bad
25	Records indicate Vehicle's IRP Status is Not Satisfactory	IRP Status Bad
26	Outstanding Out-Of-Service Inspections Exist	OOS Inspections
27	USDOT indicates Carrier is Out-Of-Business	Carrier OOB
28	Tag Serial Number Does Not Exist In Database	Tag Not Reg
29	Safe Stat Score Greater than Threshold	Bad SAFESTAT Score
30	Over Legal Weight for Bridging Distance Bridge Formula Violation	Bridge Violation
31	Over Legal Weight on Tandem Axles	Over Tandem
32	Over Legal Weight on Axle	Over Axle

Code	Description	Violation Message
33	Non NORPASS Transponder - In Database	Non NORPASS Tag
34	Running Scale in Bypass Lane or Rest Area Report Given but vehicle bypassed weigh station in Bypass Lane or Rest Area	Illegal Bypass Run
35	ISS-2 Score for this vehicle is greater than the current Threshold	ISS-2 Inspect
36	SafeStat Category Reflects Bad Carrier	SafeStat Catgory Bad
37	No Jurisdiction Operating Authority	No Jur Op Auth
38	Jurisdiction Insurance Not Active	Inactive Jur Insur
39	Vehicle Cargo contains Hazardous Materials (HAZMAT)	HAZMAT Cargo
40	PRISM Targeted Vehicle - Mandatory Pullin	PRISM Target Pull-In
41	NSC Safety Rating Not Satisfactory	NSC UnSatisf Safety
42	Axle Spacing between Axle Groups is Illegal	Illegal Axle Spacing
43	Axle Weight Difference between Axles in an Axle Group are over threshold	Axle Group Wght Diff
44	Over Legal Weight for number of axles and axle spacing	Over Legal Weight
48	Tranpondered Vehicle Sorting Mode Set to Bypass Force all vehicles with transponder to Bypass Weigh Station.	Tag Forced Bypass
49	Tranpondered Vehicle Sorting Mode Set to Report Force all vehicles with transponder to Report.	Tag Forced Report
78	Non-Transpondered Vehicle Sorting Mode Set to Bypass Allow all vehicles without a transponder to Bypass weigh station	No Tag Forced Bypass
79	Non-Transpondered Vehicle Sorting Mode Set to Report Force all vehicles without a Transponder to Report to Weigh station	No Tag Forced Report
80	Partly Off Scale	WIM Offscale
81	Onscale Missed	WIM Onscale Miss
82	Speed Change	WIM Axle Speed Diff
83	Weight Difference between Axle sensors	WIM Axle Weight Diff
84	Partial Axle Detected	WIM Axle Count Diff
85	Unequal Axles Detected	WIM Axle Sensor Diff
86	Tailgating	WIM Veh Tailgating
87	Bad Lateral Position	WIM Bad Lateral Pos
88	No Compliance Table	WIM No Comply Table
89	Overlength	WIM Overlength
90	Override Failed	WIM Override Fail
91	Vehicle Entered Roadway between WIM and Weigh Station	On Ramp After WIM

### Menu Selections - Hot Keys - Shortcuts

**File** Exits or closes program. Most of the time you will click Close [X] from the upper right corner.

#### Menu

#### Shortcuts

#### View

Refresh	[F5]	Refreshes the display.
Scale Output Size & Location	[Ctrl]+[Shift]+[ F1]	Normal Size & Location
	[Ctrl]+[Shift]+ [F2]	On Top Normal
	[Ctrl]+[Shift]+ [F1]	Large Scale VMS
Show Static Lane #1	[F9]	Selects the lane to display
Show Static Lane #2	[Shift]+[F9]	Selects the lane to display
Show Mainline (Report Only)	[F11]	Selects the lane to display
Show Mainline (All)	[Shift] +[F11]	Selects the lane to display
√ Display Screen Controls Check mark denotes function active		Removes Menu and Parameter bars from view. Clicking it again restores the bars.

#### Vehicle

Display Carrier/Vehicle Detail	[Ctrl]+[D]	Brings up Carrier Detail Report
Display Violations	[Ctrl] + [V]	Brings up Vehicle Violation Detail Report.
Add Vehicle to Hot List		Adds vehicle to a list that is available

	Print <u>A</u> ll		for 48 hours at the station.
	Print <u>D</u> etail		Prints the information in the above 2 screens
	Print <u>V</u> iolations		Prints the Detail information
			Prints the Violation information
<b>Settings</b>	<u>S</u> ort Control. >		Brings up menu to control sorting.
	<u>O</u> ptions		Brings up an administrative menu
<b>Sort Control</b>	View/Modify Controls	[Shift]+ [F6]	Brings CV Screening List operating parameters.
	WIM Control Off	[Shift]+[F1]	Section 3 for more detail
	WIM Control Sorting	[Shift]+[F2]	on these parameters
	WIM Control Bypass	[Shift]+[F3]	
	WIM Control Report	[Shift]+[F4]	
	Weights Off & On displaying on the VMS	[F-6]	
	Raise Untagged Random pull by 10%	[F7]	
	Lower Untagged Random Pull by 10%	[Shift]+[F7]	
	Raise Untagged Threshold by 2%	[F8]	
	Lower Untagged Threshold by 2%	[Shift]+[F8]	
	Raise Tagged Random Pull by 5%	[Ctrl]+[F7]	
	Lower Tagged Random Pull by 5%	[Shift]+[Ctrl]+[F7]	These have been grayed out
	Raise Tagged Threshold by 2%	[Ctrl]+[F8]	and can not be changed.
	Lower Tagged Threshold by 2%	[Shift]+[Ctrl]+[F8]	
	Toggle Over height Detection	[Ctrl]+[O]	
<b>Reports</b>	<u>S</u> tatistics	[Ctrl]+[S]	Takes you to the statistics web page
	<u>R</u> oad & Weather	[Ctrl]+[W]	Takes you to the R-Weather web page
<b>Tools</b>	Plaza Administrator		Brings up a password protected program to allow parameters to be changed that are not available to the normal operator
	OOSI Local		Instate Out Of Service Inspection notification
	Supervisor Screen		Brings up password protected screen to allow vehicle search on vehicle plate, VIN, USDOT Number, etc.
<b>Station Status</b>	Open		A check in front indicates the station is open
	Closed		A check in front indicates the station is closed
<b>Help</b>	Create Problem Ticket		Takes you to the mail system to fill out a general/system trouble ticket
	Help System		Not Implemented, soon to connec to CVSL Manual
	<u>A</u> bout CV Screening List		Gives system and version information